

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 06-301034

(43) Date of publication of application: 28.10.1994

(51) Int.Cl. G02F 1/1335, G02B 5/02, G09F 13/04

(21) Application number: 05-094002

(22) Date of filing: 21.04.1993

(71) Applicant: RIYOOSAN: KK

(72) Inventor: NAGAMINE AKIMA

(30) Priority: Priority number: 04-110938, Priority date: 30.04.1992, Priority country: JP

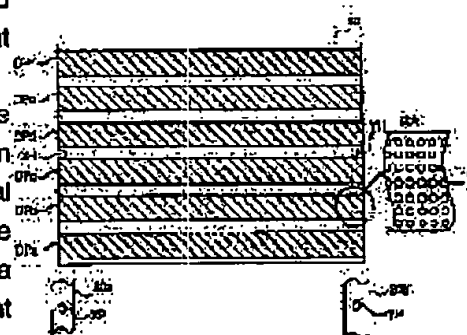
Priority: Priority number: 05 - 27824, Priority date: 17.02.1993, Priority country: JP

(54) BACK LIGHT DEVICE AND ASSEMBLING METHOD THEREFOR

(57) Abstract::

PURPOSE: To provide a device which is simplified in constitution, is reduced in size and thickness, is good in durability and is improved in luminance by providing the device with projecting pins (reference points) to be engaged with the holes of a light diffusion plate to position this light diffusion plate and fluorescent lamps.

CONSTITUTION: The positioning hole parts XH, YH to be engaged with the positioning pins XP and YP mounted on lamp fixing plates 20a, 20b are formed in the lateral central positions of the light diffusion plate 60. Consequently, the fluorescent lamps are mounted with the positioning pins as a reference, dot pattern parts DPa to DPf formed on the light diffusion plate 60 are mounted with the fixing plates 20a, 20b for fixing the fluorescent lamps as a reference and the dot patterns are printed with the positioning analog as a reference and, therefore, the dot patterns are disposed opposite exactly to the positions of the fluorescent lamps. The positioning is executed with the exact positional relation between the fluorescent lamps and the dot patterns in this device and, therefore, the uniformity of light diffusion, i.e., the uniformity of the luminance on the diffusion plate is obtd.



LEGAL STATUS

[Date of request for examination] 21.04.1993

[Date of sending the examiner's decision of rejection] 22.07.1997

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998, 2003 Japan Patent Office

(19)日本国特許庁(JP)

(12) 公開特許公報(A)

(11)特許出願公開番号

特開平6-301034

(43)公開日 平成6年(1994)10月28日

(51)Int.Cl. ⁵	識別記号	庁内整理番号	F I	技術表示箇所
G 0 2 F 1/1335	5 3 0	7408-2K		
G 0 2 B 5/02		A 9224-2K		
G 0 8 F 13/04		N 8821-5G		

審査請求 有 請求項の数16 OL (全 12 頁)

(21)出願番号 特願平5-94002

(22)出願日 平成5年(1993)4月21日

(31)優先権主張番号 特願平4-110938

(32)優先日 平4(1992)4月30日

(33)優先権主張国 日本(JP)

(31)優先権主張番号 特願平5-27824

(32)優先日 平5(1993)2月17日

(33)優先権主張国 日本(JP)

(71)出願人 000139090

株式会社リョーサン

東京都千代田区東神田2丁目5番15号

(72)発明者 長峰 昭馬

東京都千代田区東神田2丁目5番15号 株

式会社リョーサン内

(74)代理人 弁護士 鈴江 武彦

(54)【発明の名称】 バックライト装置及びその組立て方法

(57)【要約】

【目的】装置全体の構成を簡素化して小型、薄型化にできるとともに、耐久性も良く信頼性が高く、輝度を向上するにも有効な装置を得る。

【構成】透明アクリル板において、光拡散層と光透過性のドットパターンによる光量均一化層を設け光拡散板60を利用した構造である。

